

Huron Red Hot Furnace

HARD COAL
FOR SOFT COAL
WOOD or COKE



MANUFACTURERS

The Western Foundry Co.

Wingham, Ontario.

Limited



Huron Red Hot Warm Air

FOR ANTHRACITE COAL
FOR BITUMINOUS COAL
FOR WOOD OR COKE

Furnaces

A POWERFUL, ECONOMICAL AND DURABLE
LOW - DOWN FURNACE

THIS construction presents many essential features which are entirely new and certainly durable. The radiator and combustion chamber are combined in one, the radiator being very large and having a triple radiating surface consisting of two inside radiating surfaces and one large outside radiating surface. The flue is horse-shoe shaped, the air supply passing up through the radiator as well as around it. This affords an unusually large area of surface exposed to the direct influence of the products of combustion.

When hard coal is used we put a **cut-off** plate in one side flue (as shown in cut), and place the smoke collar at **one side**, thus **compelling all the smoke and gases to pass entirely around the radiator**. This is an important feature, as it prevents the possibility of one-half of the radiator becoming ineffective, on account of the tendency of the draft to go around one side only, which is the case when the draft is divided at the front and anthracite coal used for fuel.

When soft coal is used the **smoke pipe is connected with the back collar** and the draft is allowed to **turn both ways** in the radiator. As soft coal produces immense volumes of smoke and gases, this affords ample facilities for their escape. The **cut-off plate** shown in cut is hinged and can readily be **opened for direct draft** or for **cleaning the flue**. It is also fitted with an **Automatic Gas Damper**, which is a very desirable feature, as it prevents the leakage of gas or explosions so common in furnaces of other manufacture. With this damper it is impossible to be troubled with gas.

This furnace has a **very large feed door**, and is convenient, therefore, for wood burning. The radiator works perfectly when wood is used.

The radiator is made of very heavy sheet steel, with cup joints embedded in gray iron top and bottom, which makes it perfectly indestructible. It is easy of access for cleaning, both front and back, which is always an important consideration. This furnace is provided with revolving triangular grates of the very latest pattern, and so constructed that it is possible for a grate bar to be removed by anyone, even when the furnace is in use.

This furnace is provided with deep ashpit, dust flue, and sectional fire pot. Our device for hanging the grate bars is unequalled. These furnaces are **quite low**, and are, therefore, especially **useful in low cellars**. They are very easily mounted, and will save the dealer much time and annoyance. We offer in this type a furnace that is very **powerful, economical** and **superior** in all points to any other make of furnace.

MANUFACTURERS

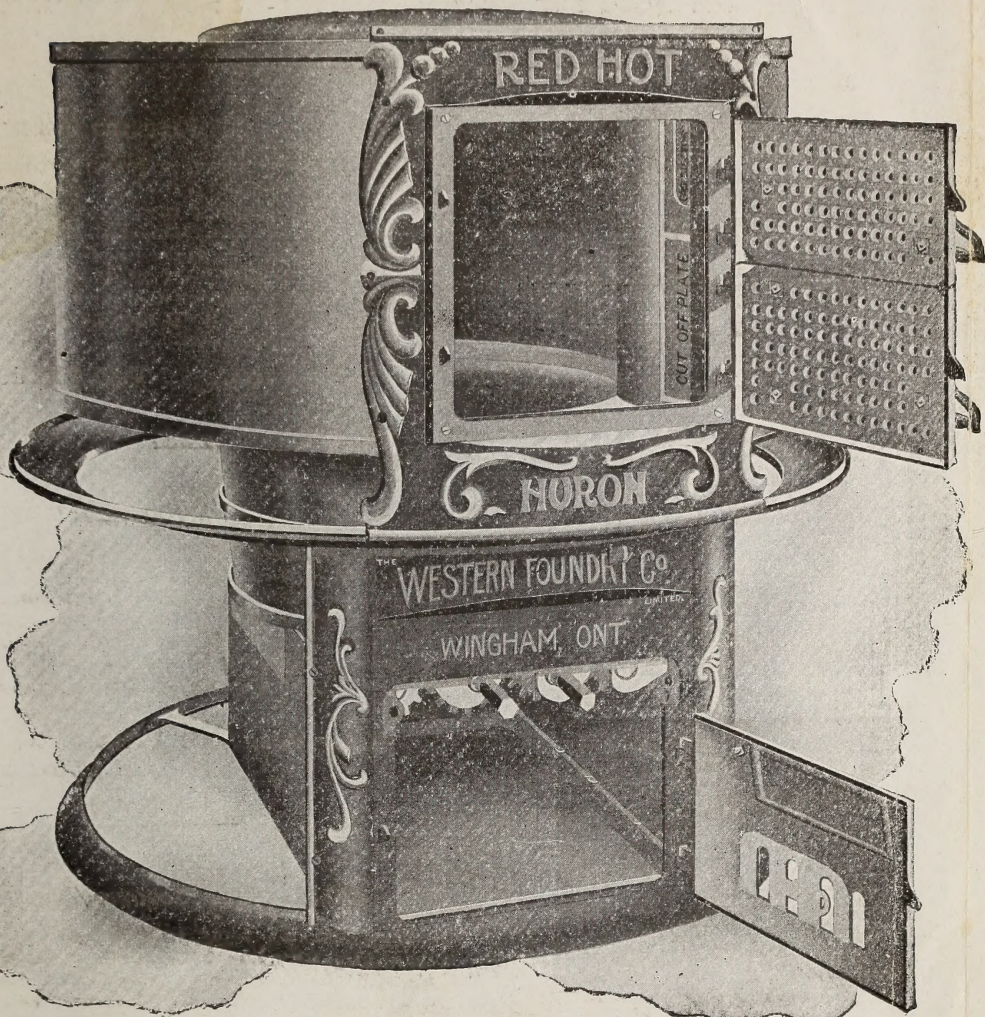
The Western Foundry Co., Limited

WINGHAM, ONTARIO.

Huron Red Hot Furnace

FOUR SIZES PORTABLE.

FOR
ANTHRACITE COAL
BITUMINOUS COAL
WOOD OR COKE

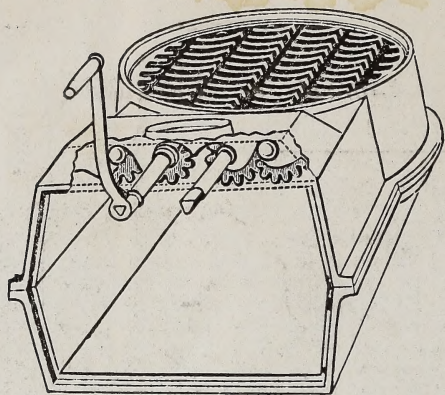


No.	Capacity	Diam. of Lower Casing	Diam. of Upper Casing	Diam. of Fire Pot	Diam. of Radia- tor	Height of Radia- tor	Height of Fur- nace	Height with Cas'ng	Size of Feed Door
438	10,000 to 15,000.....	32 in.	38 in.	18½ in	32 in.	18¾ in	3 ft. 7 in	4 ft. 5 in	11½ x 12½
442	15,000 to 25,000.....	36 in.	42 in.	20 in	36 in.	20¾ in	3 ft. 9 in	4 ft. 9 in	13 x 14
446	25,000 to 35,000.....	40 in.	46 in.	23 in	40 in.	21¾ in	4 ft.	5 ft.	13 x 14
452	35,000 to 45,000.....	45 in.	52 in.	26 in	45 in.	21¾ in	4 ft. 2 in	5 ft. 2 in	14½ x 15½

PRICES QUOTED ON APPLICATION.

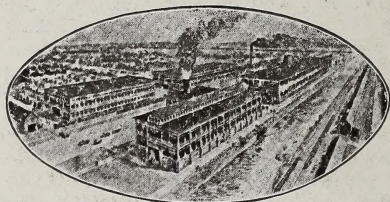
The WESTERN FOUNDRY CO., LIMITED - WINGHAM, ONT.

Patent Grate Bars used in the Huron Red Hot Furnace.



The original patent triangular revolving grate bars. Keep the ashpit free of ashes and the grates will not burn out. No one feature of a furnace has so much to do with its success as the grate, and no style of grate, except this, has ever given entire satisfaction.

These bars are strong, and make it easy to get the fire free of ashes and clinkers. The bars revolve either to the right or to the left, and never get clogged or immovable. After running the fire for months the ashpit will be entirely free from clinkers, thus giving it a continuous maximum heating capacity. All that we claim for this grate is conceded by all experts. Our device for hanging the bars is unique, and is the simplest and best on the market. The bars can be taken out and replaced with the utmost ease.



WHERE THE HURON RED HOT FURNACES ARE MADE.

TESTIMONIALS.

WINGHAM, ONT., Dec. 30, 1907.

Western Foundry Co., Wingham.

Dear Sirs,—For three years I have had in my store one of your Red Hot Furnaces, and for over two years I have had one of the same make in my house. To say that we are simply delighted with them, is putting it very mildly. We have found them perfectly satisfactory in every respect. My house can be very comfortably heated, with very little fuel, since putting in a Red Hot Furnace. My store, which is 120 x 24 feet, is heated quite satisfactorily with one furnace, without consuming a large quantity of fuel. We use both coal and wood with equally good results.

Yours truly,

JNO. KERR.

PORT CREDIT, April 18, 1905.

Western Foundry Co., Wingham.

Dear Sirs,—The Red Hot Huron Furnace placed in our school this last winter by your firm, has given perfect satisfaction. We have not had the complaints to worry us, nor the headaches to annoy both teacher and scholar, from the effects of escaping gas, that has been our lot in past years. I also beg to certify that this has been a most satisfactory job.


W. M. SHAW, Treas. P.S.B.

NEWMARKET, April 17, 1905.

Western Foundry Co., Wingham.

The Red Hot Furnace our School Board purchased from Mr. G. A. Binns, of Newmarket, has given entire satisfaction both for wood and coal. We had no trouble heating the building to our entire satisfaction in the coldest weather, and believe it will save us considerable coal, as it seems very economical.

J. H. COSFORD, CHAS. DOAN } Trustees.
R. B. D. ENNIS }



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TESTIMONIALS.

TO THE WESTERN FOUNDRY CO., Limited - WINGHAM, ONT.

OAKVILLE, Dec. 20, 1904.

The Red Hot Furnace, No. 446, you put in for me is all you claim for it and I am well pleased with it. I can recommend it to any person in need of a first-class heater. It is not hard on coal and easily regulated, and distributes the heat evenly over the house.

Yours truly, JOHN WALES.

PEMBROKE, March 5, 1905.

Dear Sir:—In answer to yours of the 27th, I find your furnace, No. 438, works alright. I am highly pleased with it. It gives me all the heat I require, that is running it at about half its heating capacity. My house is 22 x 26 outside, I have burned three tons and three-quarters of coal this winter, and I am sure four tons will run me easily each winter. Thanking you,

I remain, T. A. PEEVER.

NEWMARKET, March 2, 1905.

Dear Sirs:—Replying to your letter of Feb. 13th, I would say that one of your Red Hot Furnaces was put in my house last Fall. The severe part of the winter is now past and it affords me pleasure to state that your furnace has given excellent satisfaction. It is a rapid heater, yet one in which the fire is easily managed, and I have found it economical so far as fuel was concerned, and I might further say that I have found the style of grate which you use gives no trouble whatever with ashes or clinkers.

Yours truly, AUBREY DAVIS.

ORILLIA, Feb. 23, 1905.

Gentlemen:—Re Western Red Hot Furnace 442 which you shipped me last October, the same is very satisfactory. My house stands in a quite exposed situation on a hill, and despite this my house has been very comfortable indeed. This is something I could not say before, having had a wood furnace in and received very little satisfaction. Considering the severity of the present winter, I must say that this furnace is one of the best that I know of. In the matter of coal it is very economical. Any one thinking of putting in a coal furnace I would advise to use this kind.

Yours sincerely, R. R. SLAVEN.

MILLBROOK, March 1, 1905.

Gentlemen:—The No. 442 Red Hot Huron Furnace installed in my house last Fall by Mr. R. H. Edmonds of this town has given entire satisfaction in every way. It is very easy to manage, answering the checks and drafts very readily, and never gets out of order. It has heated seven rooms and two large halls satisfactory during this winter, and has not consumed five tons of hard coal to this date. I do not hesitate to recommend it to any one who desires a first-class furnace.

Yours truly, R. W. CLARKE.

FORT WILLIAM, Feb. 23, 1905.

Dear Sirs:—In reply to yours of Feb. 17, I am pleased to tell you that we are very much pleased with our furnace. It is giving us splendid satisfaction. We have no trouble with it and it doesn't need much attendance. As regards the amount of fuel, we have only used 4 tons from the 18th of November up to the present time, and about one cord of wood. It works splendidly with either coal or wood. I don't think that is too much fuel to be comfortable.

Yours truly, WM. WIEGAND.

PEMBROKE, March 3, 1905.

Dear Sirs:—In reply to your favor of the 27th ult., the 438 Red Hot Huron Furnace, installed by Messrs. Mackie & Ryan of this town, in the East Ward School, has given entire satisfaction. Having supply of wood on hand, that is the fuel we have used. Next season we will use coal, which we trust will prove as highly satisfactory.

Yours truly, ALEX. MILLER,
(Chairman Contingent Committee, Public School.)

TORONTO, Feb. 23, 1905.

Gentlemen:—It affords me much pleasure to be able to testify as to the merits of your No 452 Red Hot Huron Furnace which you installed in my warehouse last Fall. I have been using it steadily throughout the past winter and find it to give entire satisfaction in every respect. It is a most powerful heater, and I find it to be very moderate on fuel, considering the amount of heat furnished. It is also very simple in operation, and in fact superior, in every way to the furnace which it replaced.

Yours very truly, JOHN TAYLOR.

1908

TESTIMONIALS.

TO THE WESTERN FOUNDRY CO., LTD.

WINGHAM, ONT.

WINGHAM, Feb. 23, 1905.

Gents:—After several months experience with one of your furnaces I have much pleasure in testifying to its good qualities. It is very easily attended to, does its work well and is very moderate in its consumption of fuel.

Yours truly, J. B. FERGUSON.

WIARTON, March 13, 1905.

Dear Sirs:—In regard to the "Red Hot Huron" Furnace which I purchased from you last Fall, I may say for one thing it is well named. My furnace is of a small size. It has a large house to heat. There are eight good sized rooms and they are warm night and day. It has given the best of satisfaction so far, and as to the fuel, it is the most economical furnace that I have knowledge of. I may safely say that any person wishing to purchase a furnace can do no better than having a "Red Hot Huron." I remain, yours truly, JOHN WAKEFORD.

BARRIE, March 28, 1905.

To whom it may concern.

The Western Foundry Company have placed a heating system in the Church here, and I am pleased to say the system has given perfect satisfaction. Out of nine tenders we selected that of the Western Foundry Company, on account of their moderate rate and wellknown reputation of the firm to fulfil their contracts. We have not in any respects been disappointed.

J. J. EGAN, P. P.,

Dean of Barrie.

WINGHAM, April 6, 1908.

Gentlemen:—I wish to amend my testimonial of Feb. 22, 1905, to say that I have installed 2 additional Red Hot Furnaces in my houses here and in every case they are giving splendid satisfaction; they are economical on fuel, easy to operate and heat my houses entirely satisfactory.

WM. NICHOLSON,
Builder and Contractor.

WATERLOO, Feb. 9, 1905.

Dear Sirs:—The furnace No. 438, "Red Hot Huron," which Conrad Broe installed for me in my house has given first-class satisfaction and I am well pleased with it. It consumes very little more coal than an ordinary coal stove, and then I have the pleasure of having every room in the house comfortable. I can highly recommend it to anyone wishing to install a hot air furnace.

Yours truly, V. M. BERLET.

WINGHAM, Feb. 21, 1904.

Gentlemen:—The bearer, a particular friend of ours, wishes to purchase a furnace. Would you kindly explain your Red Hot Furnace to him, as I have strongly recommended him to buy none other. We have had the best of satisfaction with ours and are well pleased with its economy on fuel as well as its excellent qualities.

Resp. yours, HANNA & CO.,
General Merchants.

44 Wilson Ave., TORONTO, Feb. 22, '05.

Dear Sir:—In reply to yours of the 18th inst., enquiring how I like the Red Hot Furnace purchased from you last September, I am pleased to report the very best of satisfaction. The Furnace purchased was a No. 442, the middle size, which I placed in one of my 12-roomed houses. A number of the rooms are not very small either. So far only five tons of coal has been burned, and all and every room kept comfortably warm, which I consider a reasonable coal bill, considering the cold winter we have had. You informed me at time of purchase it was very economical on coal and also easily managed, which reputation has been fully realized. I may say I am well pleased with your furnace.

Very respectfully yours,
J. POWLEY.

